

9-24-96
12.38 v. 6

Frederick Forberg

CUSTOMER: V0232966 ORDER # : 01830
BATCH #: 981530003 STICKER #: 981530026
ZONE #: 003
BARCODE NUMBER: 5162880632 0001
PRODUCT NAME : TEKUSOLV II

MATERIAL SAFETY DATA SHEET: TEKUSOLV II PAGE: 1
(000000-000000-0945) DATE OF ISSUE 09/24/96 SUPERSEDES 09/29/95

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS: N/A TRADE NAME & SYNONYMS: TEKUSOLV II
CHEMICAL FAMILY: OLEFIN BLEND FORMULA: X <-- MIXTURE
MANUFACTURE'S NAME: CERTIFIED LABS, DIV. OF NCH CORP.
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE):
BOX 152170
IRVING, TEXAS 75015
PREPARED BY: C KERINS/CHEMIST PRODUCT CODE NUMBER: 0945 EMERGENCY TELEPHONE NUMBER: 972-438-1381

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

CHEMICAL NAME (INGREDIENTS):
D-LIMONENE
HAZARD <--> IRRITANT TLV <--> NOT EST. 1 PEL <--> NOT EST. 2
STEL(TWA)* <--> NOT EST. CAS# <--> 5989-27-5
1-TETRADECENE
HAZARD <--> IRRITANT TLV <--> NOT EST. 1 PEL <--> NOT EST. 1
STEL(TWA)* <--> NOT EST. CAS# <--> 1120-36-1

SECTION III - PHYSICAL DATA

BOILING PT. (F): 463 SPEC. GRAVITY (H2O=1): 0.772
VAPOR PR. (MM HG): 0.13** COLOR: COLORLESS
VAPOR DENSITY: 5.2 ODOR: ORANGE
PH. @ 100%: N/A CLARITY: TRANSPARENT
% VOLATILE BY VOL: 100 EVAPORATION RATE (BU A/C = 1): <0.1
H2O SOLUBILITY: NEGLIGIBLE
VISCOSITY: NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT: 201°F FLAMMABLE LIMITS: 0.7 LEL 6.1 UEL
P.M.C.C.: D-LIMONENE
EXTINGUISHING MEDIA "ALCOHOL" DRY WATER
X <-- FOAM X <-- CO2 X <-- CHEMICAL <-- SPRAY <-- OTHER
SPECIAL FIRE FIGHTING PROCEDURES:
WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY TO PREVENT BURSTING. DO NOT USE
A DIRECT STREAM OF WATER AS SPATTERING MAY RESULT.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
IF PRODUCT IS HEATED > THAN 201 °F, VAPORS MAY TRAVEL TO DISTANT SOURCES OF
IGNITION AND FLASHBACK. PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS
LIQUID FLOATS ON WATER.
NFPA HAZARD RATING (0=INSIGNIFICANT;1=SLIGHT;2=MODERATE;3=HIGH;4=EXTREME):
1 <-- HEALTH 1 <-- FLAMMABILITY 0 <-- REACTIVITY <-- SPECIAL

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE:

ACUTE - (SHORT TERM EXPOSURE)
CAUSES IRRITATION SUCH AS REDNESS AND TEARING.
SKIN: MAY CAUSE IRRITATION AND MAY LEAD TO SENSITIZATION IN INDIVIDUALS
SENSITIVE TO PRODUCTS CONTAINING ORANGE OIL. FREQUENT OR PROLONGED SKIN
CONTACT CAN LEAD TO REDNESS AND DERMATITIS.

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(CONTINUED) - SECTION VIII - SPILL OR LEAK PROCEDURES

SLIPPERY. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

WASTE DISPOSAL METHOD(S):
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

NEUTRALIZING AGENT :
N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION :

GENERAL EXHAUST TO PROTECT WORKERS FROM EXPOSURE AT POINTS OF VAPOR EVOLUTION.

RESPIRATORY PROTECTION :
NORMALLY NOT NEEDED AT AMBIENT TEMPERATURES. USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES.

GLOVE PROTECTION :
NEOPRENE RUBBER OR NITRILE GLOVES SHOULD BE WORN WHEN HANDLING.

EYE PROTECTION :
SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

OTHER PROTECTION :
SOLVENT-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO MINIMIZE CONTACT.

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE	INDOOR	HEATED	REFRIGERATED	OUTDOOR
MAX: 120°F MIN: 0°F.	X			

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
KEEP CONTAINERS CLOSED WHEN NOT IN USE
DO NOT PRESSURIZE, CUT, WELD, SOLDER, DRILL, GRIND
OR EXPOSE EMPTY CONTAINERS TO HEAT, HOT SURFACES,
SPARKS OR OPEN FLAMES AS THIS COULD CAUSE THE PRO-
DUCT TO EXCEED ITS FLASH POINT (201°F.) AND
IGNITE.

OTHER PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE
LABEL BEFORE USING PRODUCT. SEND DRAINED AND
BUNGED CONTAINER TO DRUM RECONDITIONER.

SECTION XI - REGULATORY INFORMATION

CHEMICAL NAME	C.A.S NUMBER	UPPER % LIMIT
N/A		

THOSE INGREDIENTS LISTED ABOVE ARE SUBJECT TO THE REPORTING REQUIREMENTS OF 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

IF USE (USE EXEMPTION) APPEARS UNDER UPPER % LIMIT, END USERS ARE EXEMPT FROM NOTIFICATION BECAUSE THE PRODUCT IS USED AND LABELED FOR ROUTINE JANITORIAL WORK OR THE PRODUCT IS USED AND LABELED FOR FACILITY GROUNDS MAINTENANCE (SUCH AS FERTILIZERS AND HERBICIDES), OR THE PRODUCT IS USED AND LABELED FOR MAINTAINING MOTOR VEHICLES.

CALIFORNIA PROPOSITION 65

WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE (1) CANCER OR (2) BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

NONE